

**To:** Lederer, Dave[Lederer.Dave@epa.gov]  
**Cc:** Ellen Iorio[maryellen.iorio@usace.army.mil]  
**From:** Anderson, Elizabeth  
**Sent:** Mon 9/25/2017 12:50:14 PM  
**Subject:** RE: Comprehensive Plan Costs  
Comprehensive Plan V13 for EPA.xlsx

Here you go. Please let me know if you need anything else.

Thanks

**From:** Lederer, Dave [mailto:Lederer.Dave@epa.gov]  
**Sent:** Saturday, September 23, 2017 2:39 PM  
**To:** Anderson, Elizabeth  
**Cc:** Ellen Iorio  
**Subject:** RE: Comprehensive Plan Costs

Beth—can you send along the xls file. This is too large to print or read without hiding columns.  
Thanks

Dave

**From:** Anderson, Elizabeth [mailto:Elizabeth.Anderson@jacobs.com]  
**Sent:** Friday, September 22, 2017 5:02 PM  
**To:** Lederer, Dave <Lederer.Dave@epa.gov>  
**Cc:** Ellen Iorio <maryellen.iorio@usace.army.mil>; Rigassio-Smith, Anita <Anita.Rigassio-Smith@jacobs.com>; Fallin, Lonnie <Lonnie.Fallin@jacobs.com>; Fox, Steve (New Bedford) <Steve.Fox@jacobs.com>  
**Subject:** Comprehensive Plan Costs

Dave

Attached is the latest comprehensive plan cost table update. Please note the following changes

(shown in green on the table):

Upper Harbor Intertidal East - Changed from \$30.7M to \$42M

Upper Harbor Intertidal West - Changed from \$8.6M to \$14.5M

The engineers estimate was revised the costs based upon what we are observing at Marsh Island and additional reviews of PMC. This includes changes in the production rates, over excavations, vegetation removal, and road building. Please note Jacobs has also requested SES brainstorm cost savings for the Upper Harbor work. We are scheduling a meeting between Jacobs and SES to walk through the Upper Harbor locations and find additional means/methods to execute the work at a cost savings. We are in the process of redesigning the excavation and roadways as part of the Generic Work Plan. We should be able to revise the costs once the plan is drafted and we strategize with SES.

As a result of the revised intertidal costs, the Lower Harbor work (North St) and Between the Bridges Intertidal costs were revised.

LH (North St) - changed from \$201k to \$275k

BtB - changed from \$665k to \$910k

The interest was changed from \$2.4M to \$5M.

Added the MassDEP LTM payment of \$1.5M

A hard copy will be printed for your review.

**Elizabeth Anderson, PE**

**Environmental Engineer**

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